In the claims:

All of the claims standing for examination are reproduced below with indication of amendment status.

1 – 22. (Cancelled)

23. (Currently amended) A language-processing system comprising:

a computerized appliance having user input and output interfaces, one or more processors, and one or more machine-readable media accessible to the one or more processors; and

operating code executed by the one or more processors from the one or more machine-readable media for processing text and audio messages;

~~an input for language in text or audio, as a message;~~

~~an extractor operating to separate words and phrases from the input to consult a knowledge base, and to assign a concept to individual ones of the words or phrases; and~~

~~a connector operating to link the concepts to form a statement~~

wherein text and audio messages input to the system are separated into words and phrases to be considered individually, meaning is determined for individual ones of the words and phrases, resulting in statements of meaning, and the resulting meaning statements are linked, providing meaning for the message .

24. (Currently amended) The system of claim 23 wherein logically false and meaningless input messages are identified by the nature of the linked ~~concept~~ meaning statement.

25. (Currently amended) The system of claim 23 wherein ambiguous input messages are made clear by the nature of the linked ~~concept~~ meaning statement.

26. (Previously presented) The system of claim 23 further comprising a situation

model updated as language is processed.

27. (Cancelled)

28. (Currently amended) The system of claim 26 wherein conflicts between the linked-concept meaning statement and the situation model are detected and reported to the user.

29. (Currently amended) The system of claim [[27]] 26 wherein the system is used in control situations, and wherein detection of conflicts are used to predict future or developing risk.

30. (Currently amended) The system of claim 23 wherein the connector system finds unlinkable concepts meaning statements from the concepts returned by the extractor, and reports the unlinkable concepts statements to an external entity.

31. (Currently amended) The system of claim 23 adapted for control of technical systems, including robotic systems, further comprising a virtual realizer recognizing meaning of the concept linked meaning statements used by the system for generating commands for the technical systems.

32. (Previously presented) The system of claim 28 wherein the system is used in taxiway control for airports.

33. (Currently amended) The system of claim [[27]] 26 wherein concepts are meaning is applied to measured values, and these concepts meanings are applied to the situation model.

34. (Currently Amended) The system of claim 26 further comprising an artificial

language intelligence (ALI) module having cognitive routines of various classes, including routines for extraction of meaning, context-bound modification, context-bound association, and logical inferences, the ALI module making the routines available to the extractor, ~~the connector,~~ and other modules of the system.

35. (Currently amended) A method, executing from a digital storage media in a computing appliance, for language processing, comprising the steps of:

(a) extracting <u>individual words and phrases from a message input</u> as either voice or text ~~by an extractor consulting a general knowledge base, a lexical meaning for individual words and/or phrases in an audio or textual input; and~~

(b) <u>determining meaning for individual ones of the words and phrases, resulting in meaning statements; and</u>

[[(b)]] <u>(c)</u> ~~connecting by a connector module~~ <u>linking</u> the extracted ~~meanings into a statement~~ <u>meaning statements, providing a linked meaning statement.</u>

36. (Currently amended) The method of claim 35 including a <u>further</u> step for identifying logically false and meaningless ~~messages in the audio or textual input~~ <u>statements</u>.

37. (Currently amended) The method of claim 35 wherein ambiguous input messages are ~~made clear~~ <u>identified</u> by the nature of the ~~linked-concept~~ <u>linked meaning</u> statement.

38. (Previously presented) The method of claim 35 further comprising a step for updating a situation model as language is processed.

39. (Cancelled)

40. (Currently amended) The method of claim 38 comprising a step for reporting conflicts between the ~~linked-concept~~ <u>linked meaning</u> statement and the situation model

to a user.

41. (Previously presented) The method of claim 38 including a step for predicting future or developing risk in control situations.

42. (Currently amended) The method of claim 35 including a step for reporting, ~~by the connector,~~ unlinkable ~~concepts~~ meaning statements to an external entity.

43. (Currently amended) The method of claim 35 including a step for recognizing, ~~by a virtual realizer,~~ meaning of the ~~concept-linked~~ linked meaning statements, which are then used by the system for generating commands for the technical systems.

44. (Currently amended) The method of claim 38 ~~wherein the system is~~ used in taxiway control for airports.

45. (Currently amended) The method of claim 38 wherein ~~concepts are~~ meaning is applied to measured values, and these ~~concepts~~ meanings are applied to the situation model.

46. (Currently amended) The method of claim 38 further comprising steps for providing, by an artificial language intelligence (ALI) module, cognitive routines of various classes, including routines for extraction of meaning, context-bound modification, context-bound association, and logical inferences, to the extractor, ~~the connector,~~ and other modules of the system.